

FIG. 1

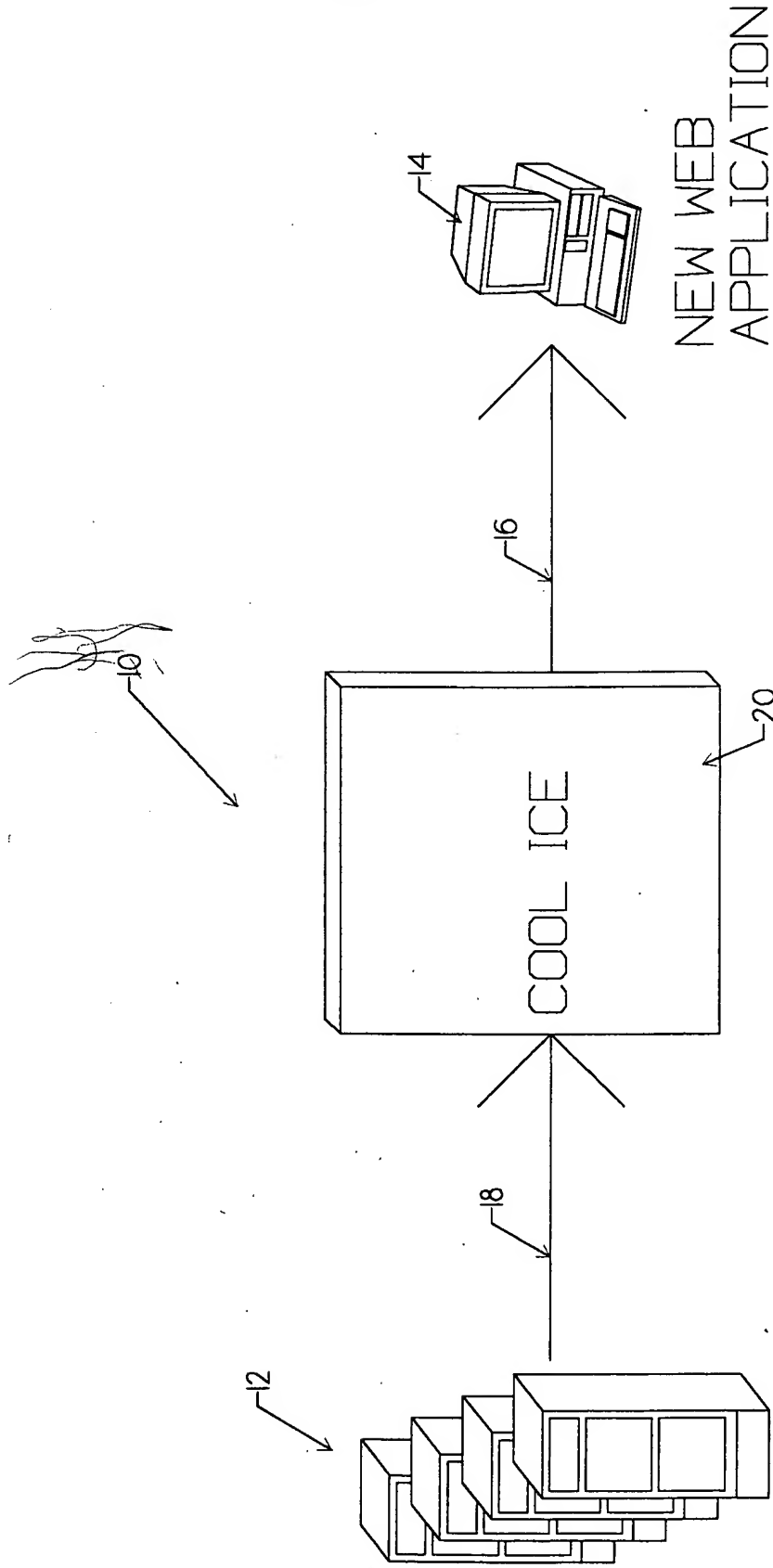


FIG. 1

FIG. 2

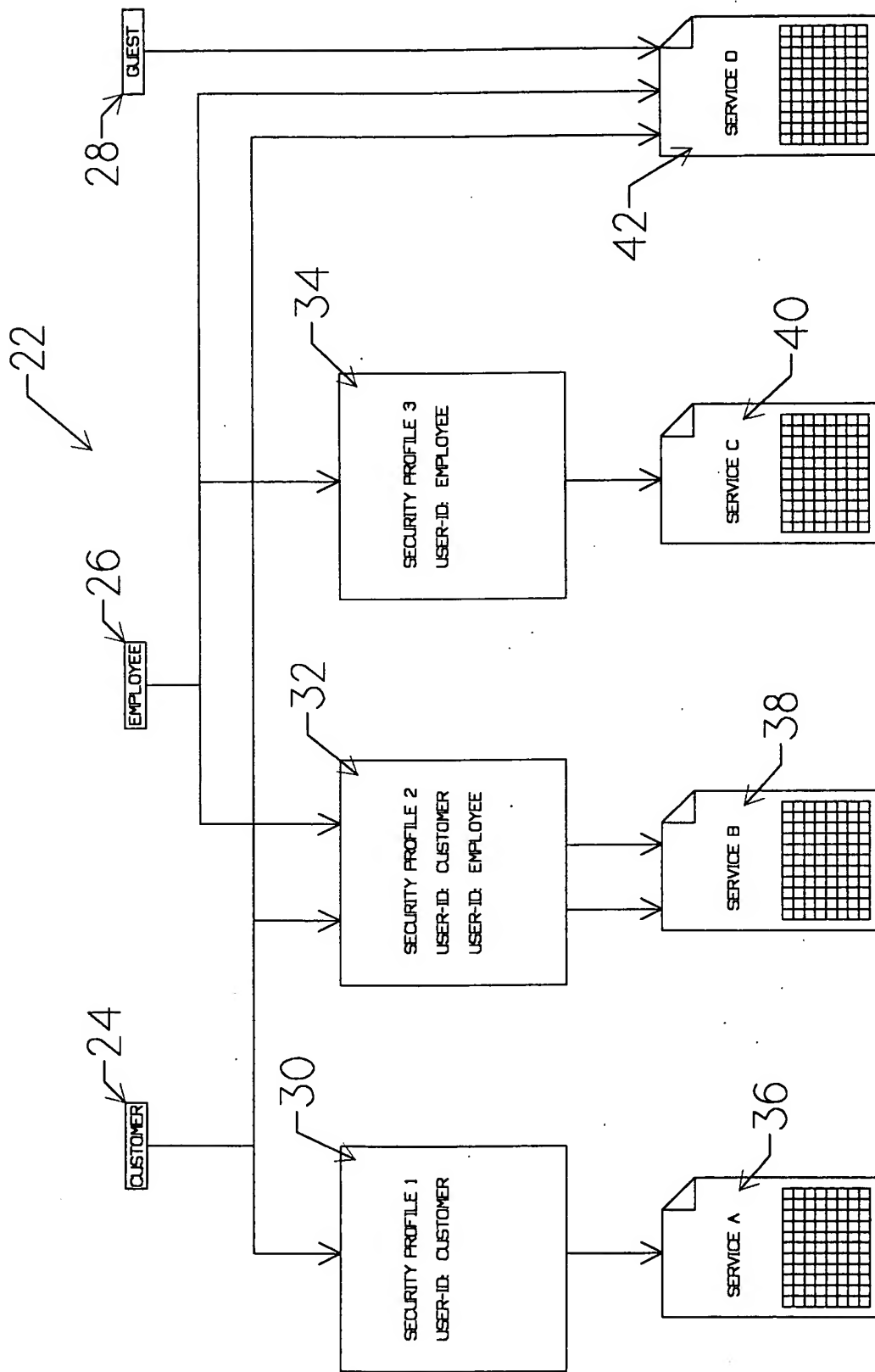


FIG. 2

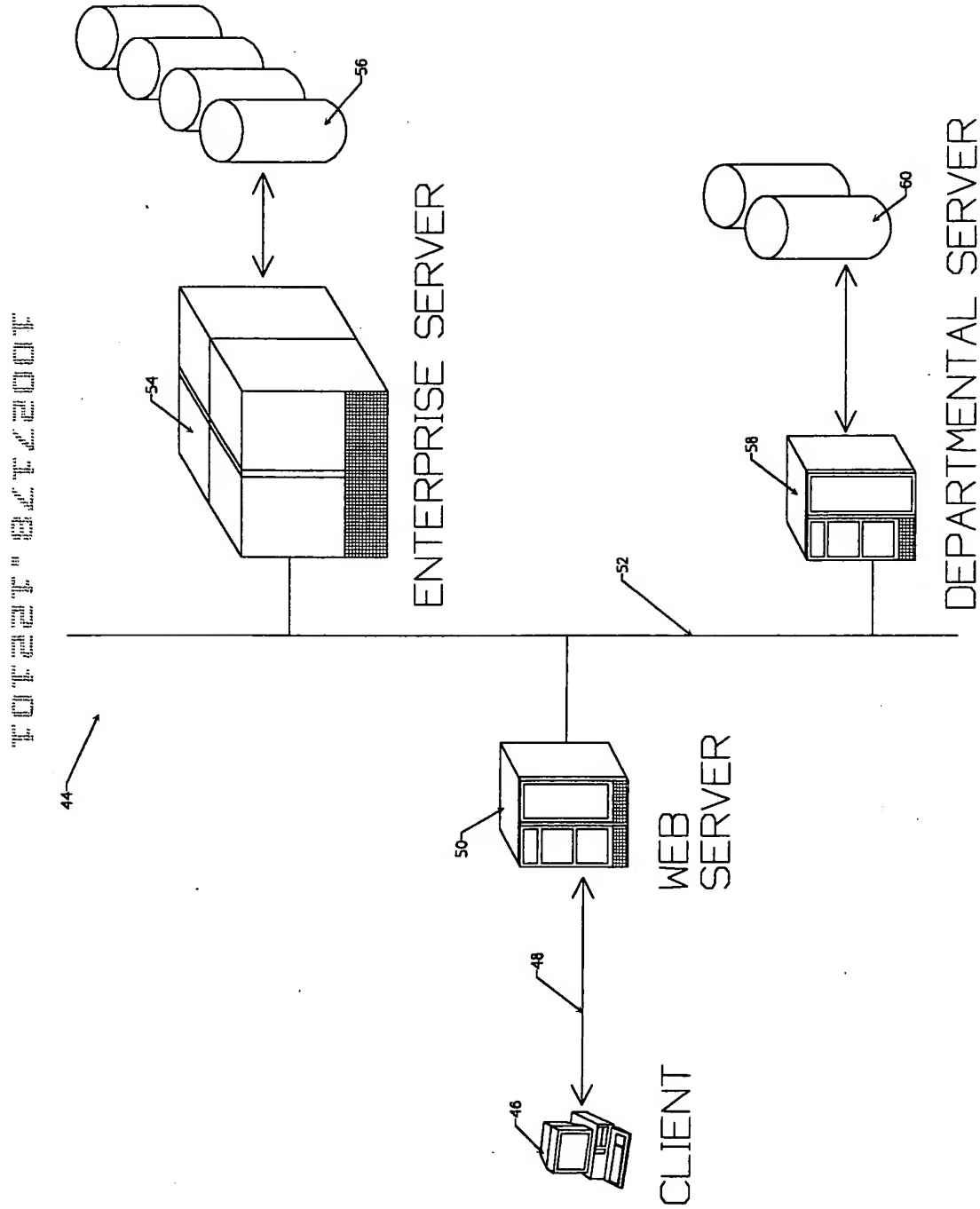


FIG. 3

FIG. 4

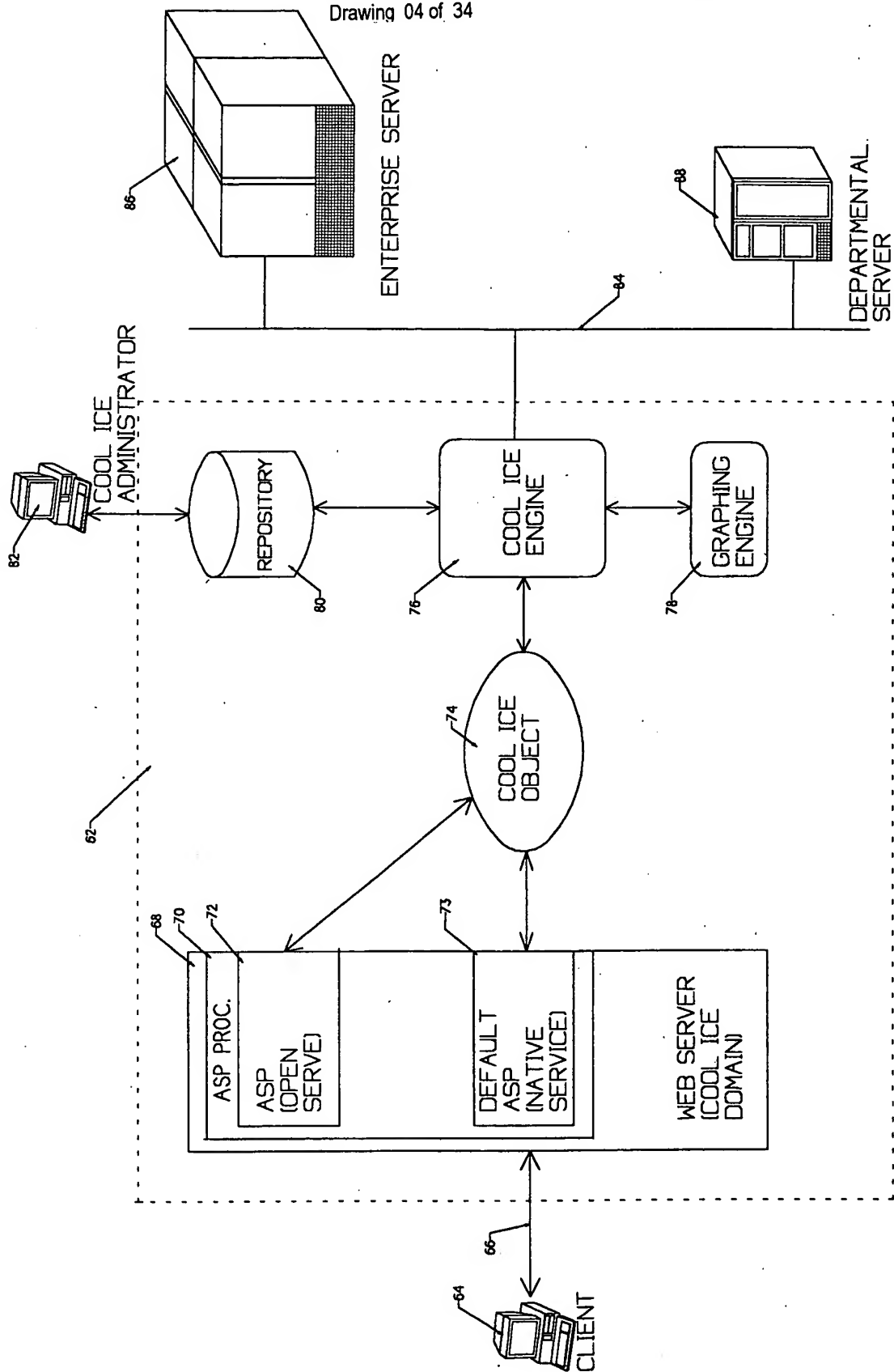


FIG. 4

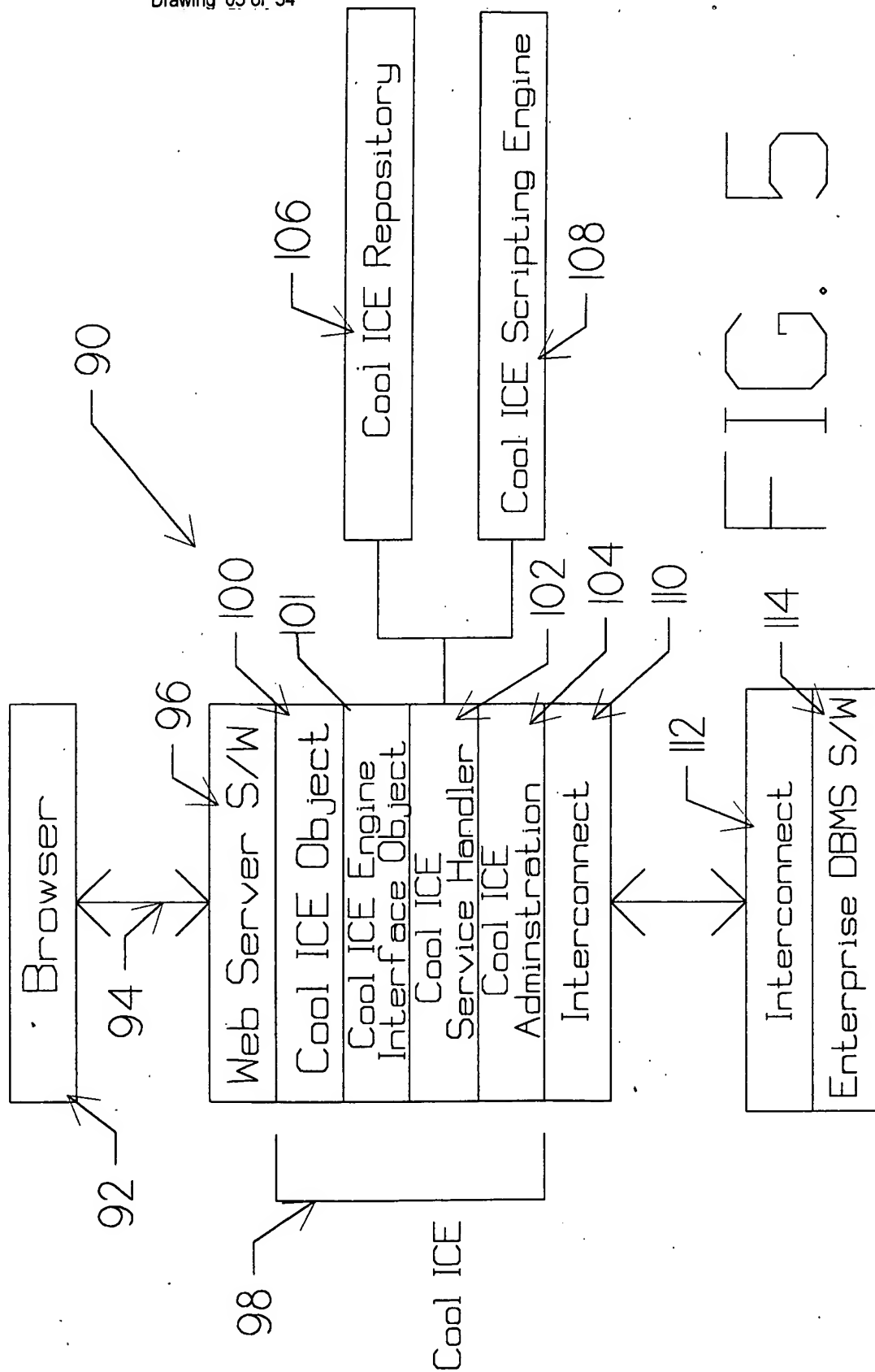


FIG. 5

FIG. 5

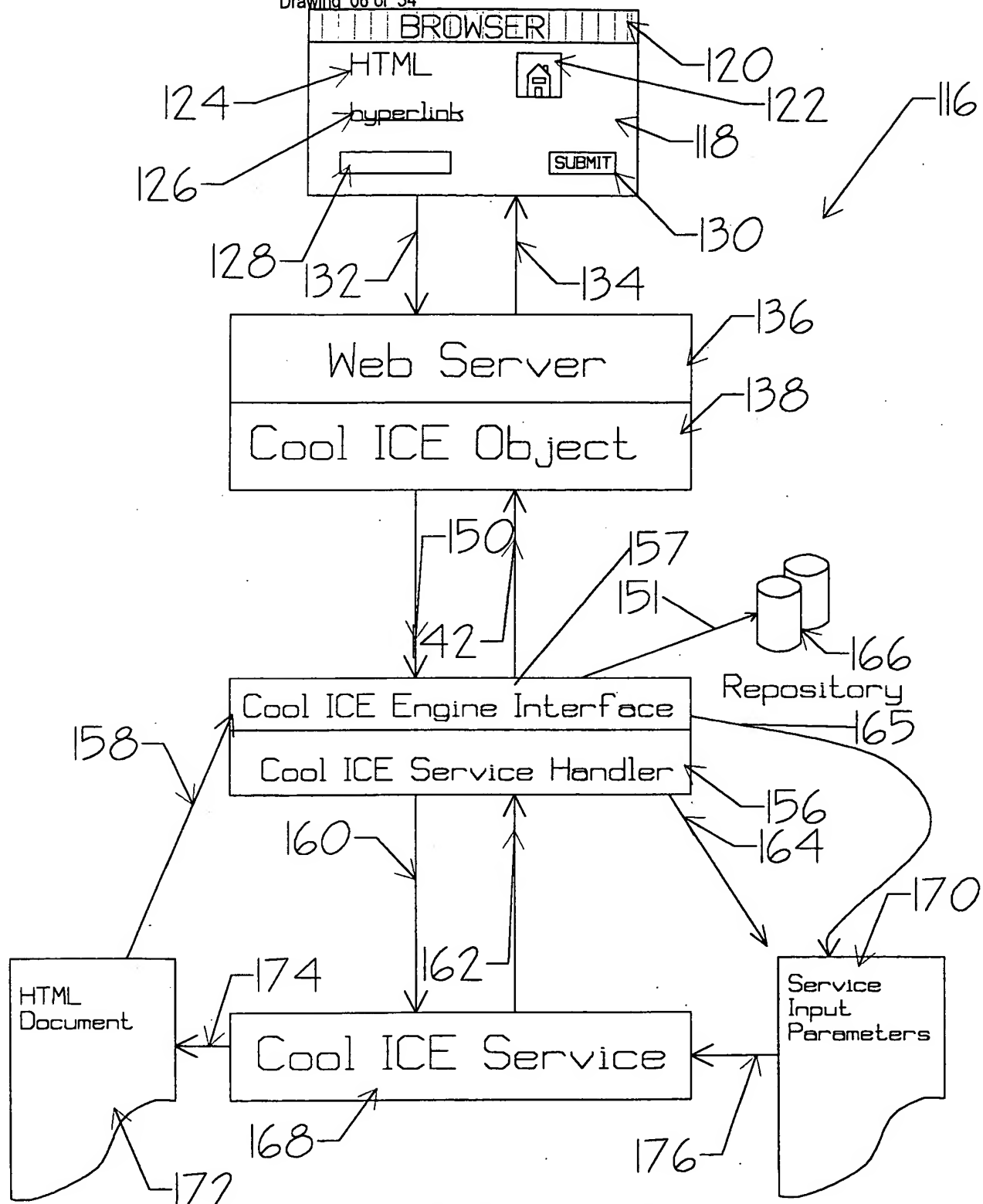


FIG. 6

10027478-122101

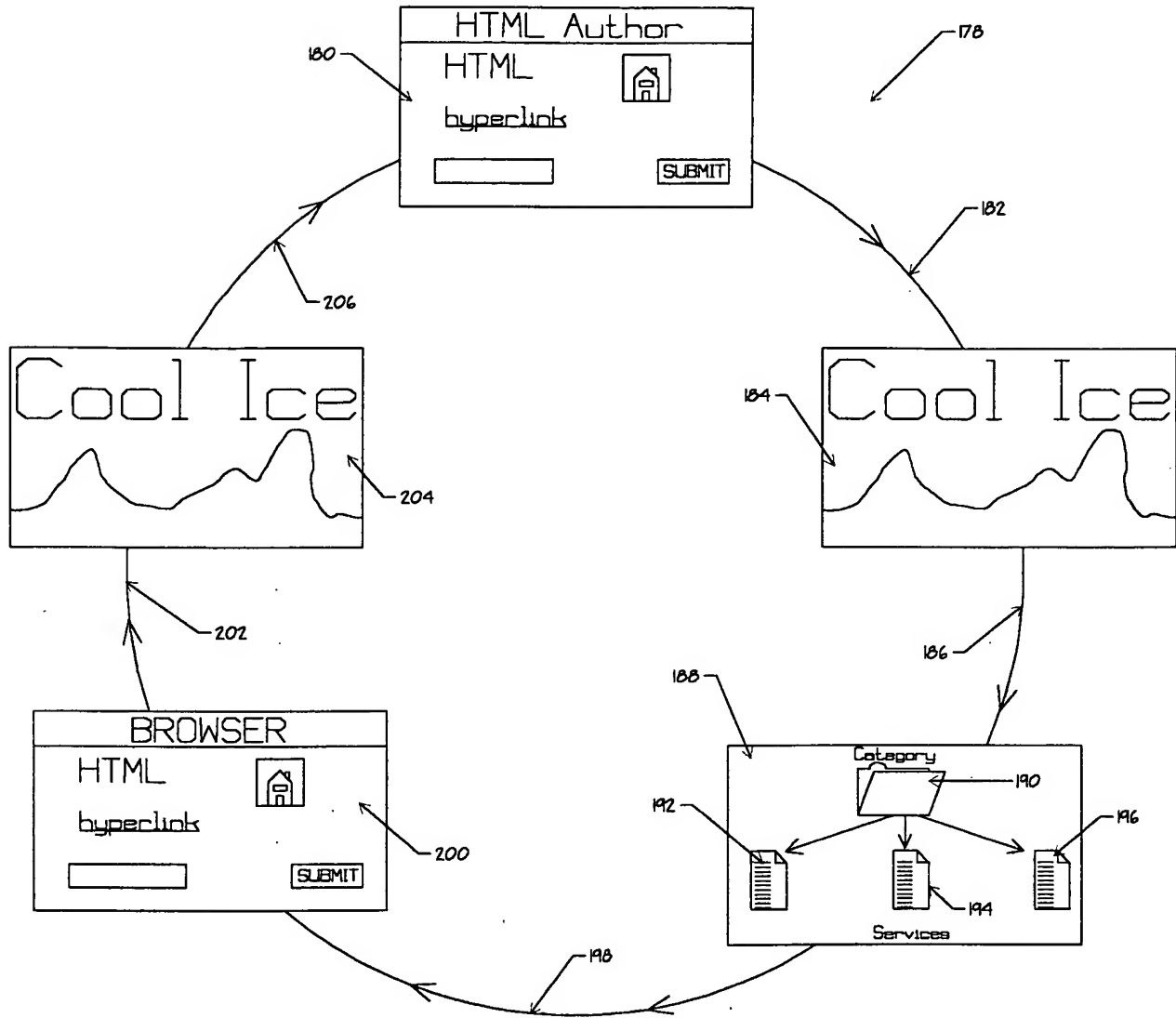


FIG. 7

FIG. 8

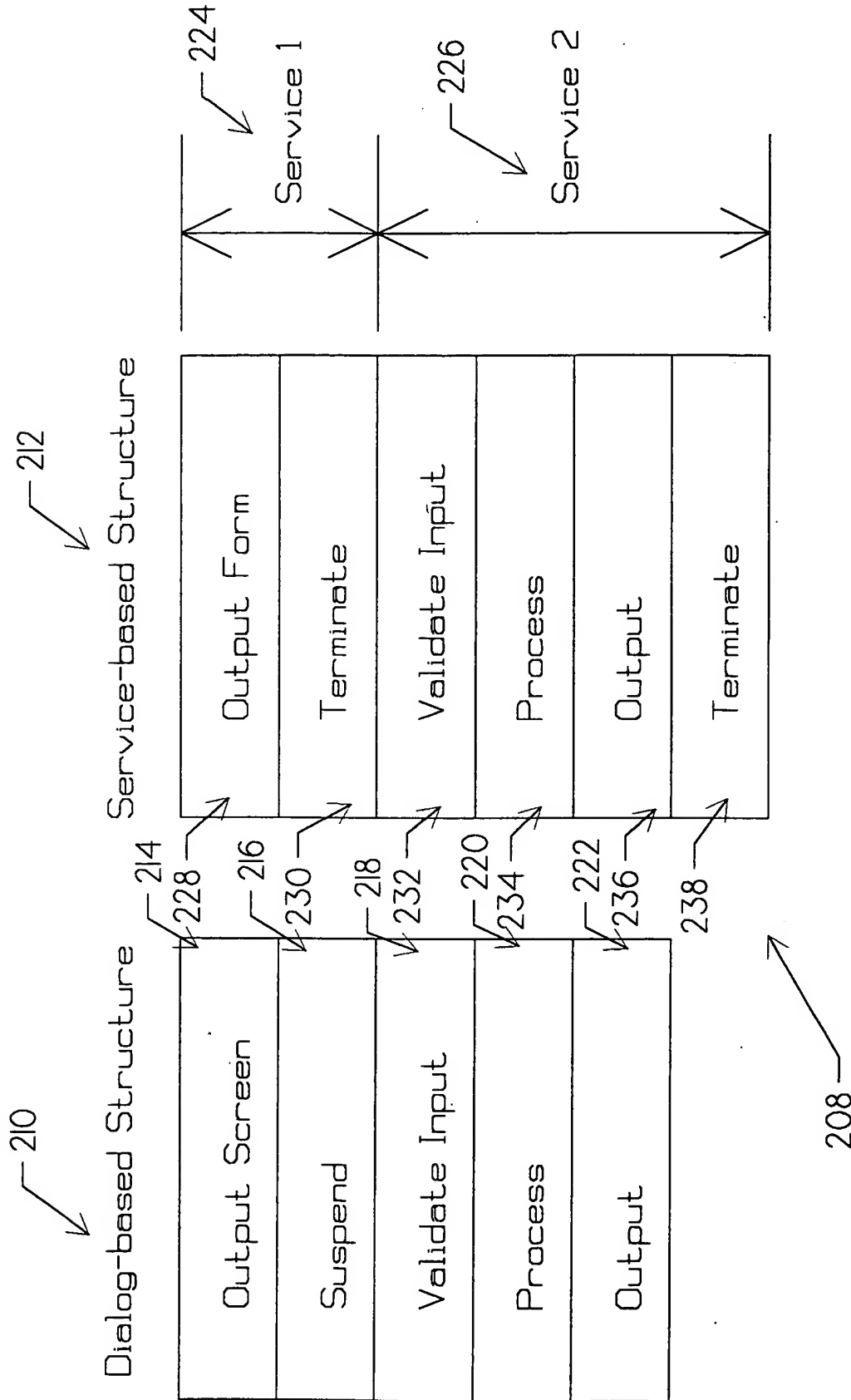


FIG. 8



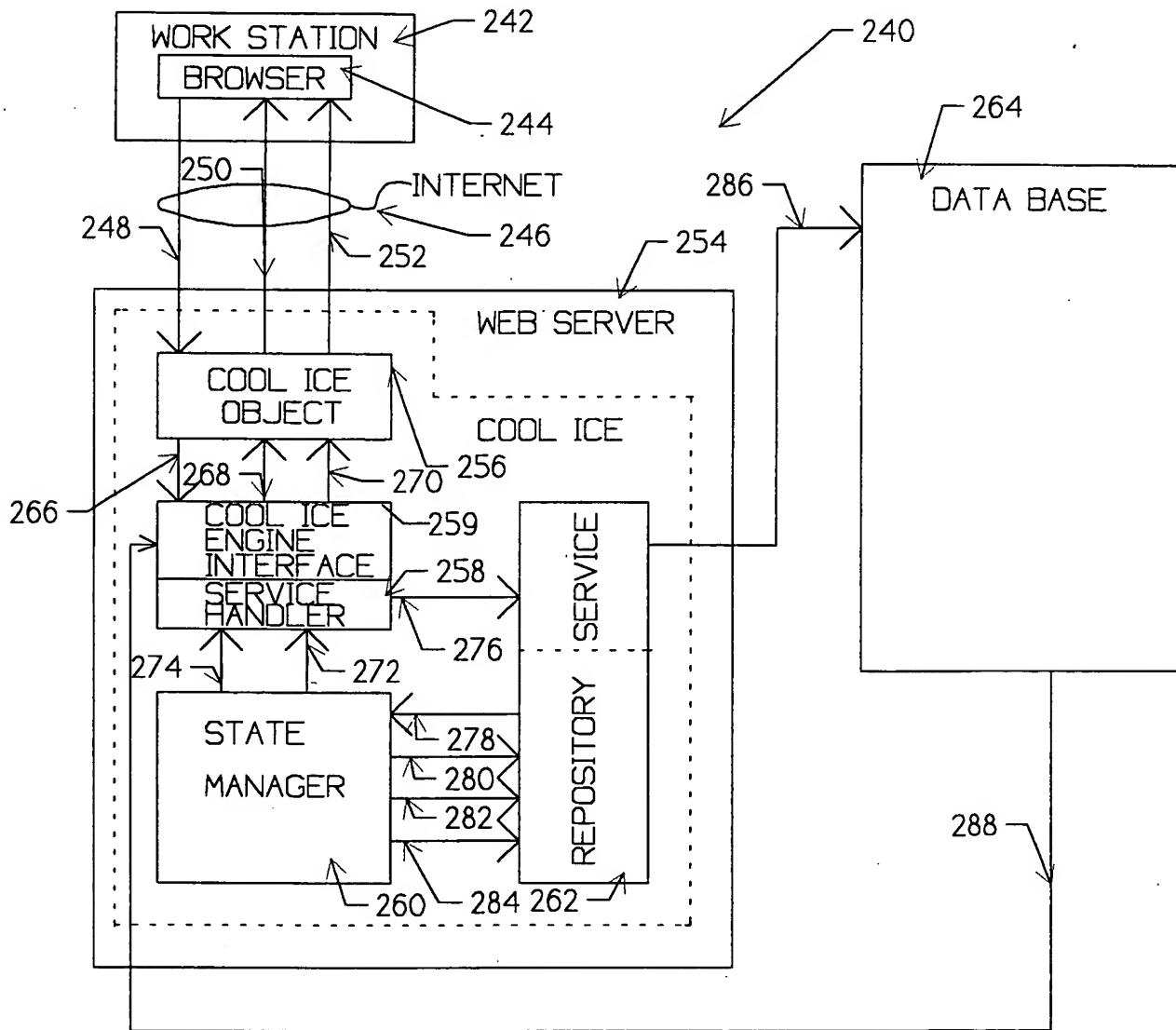


FIG. 9

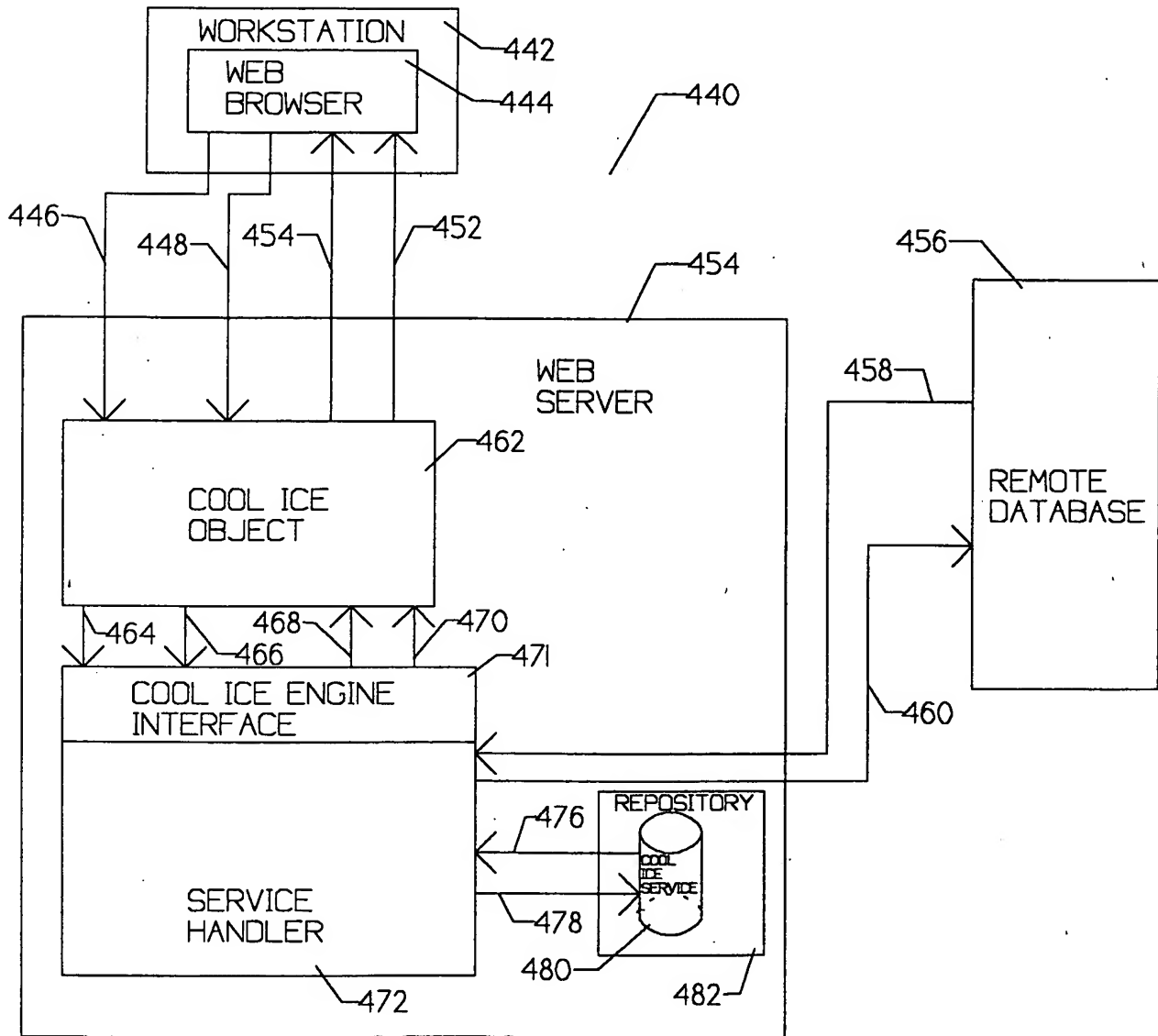


FIG. 10

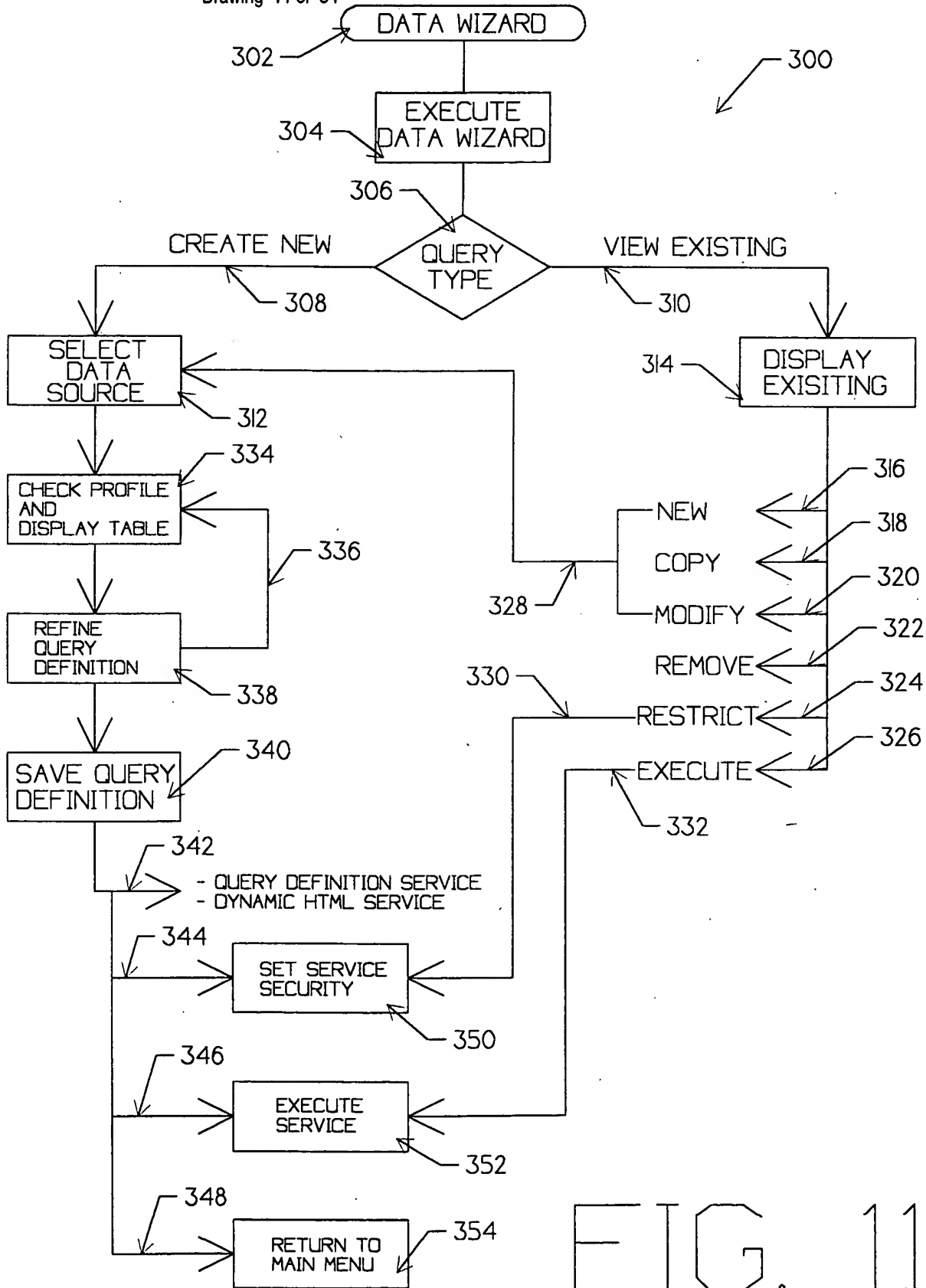


FIG. 11

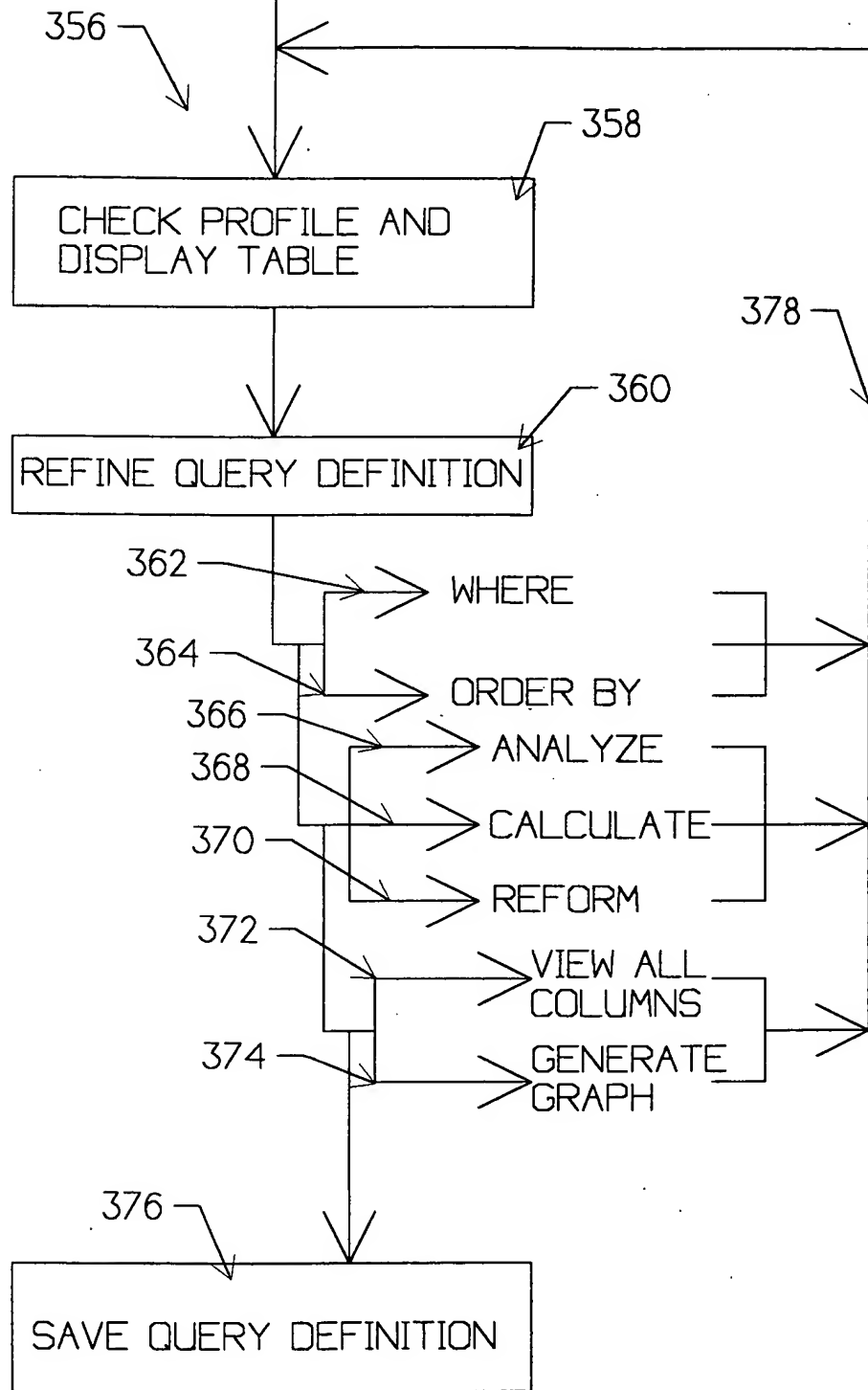
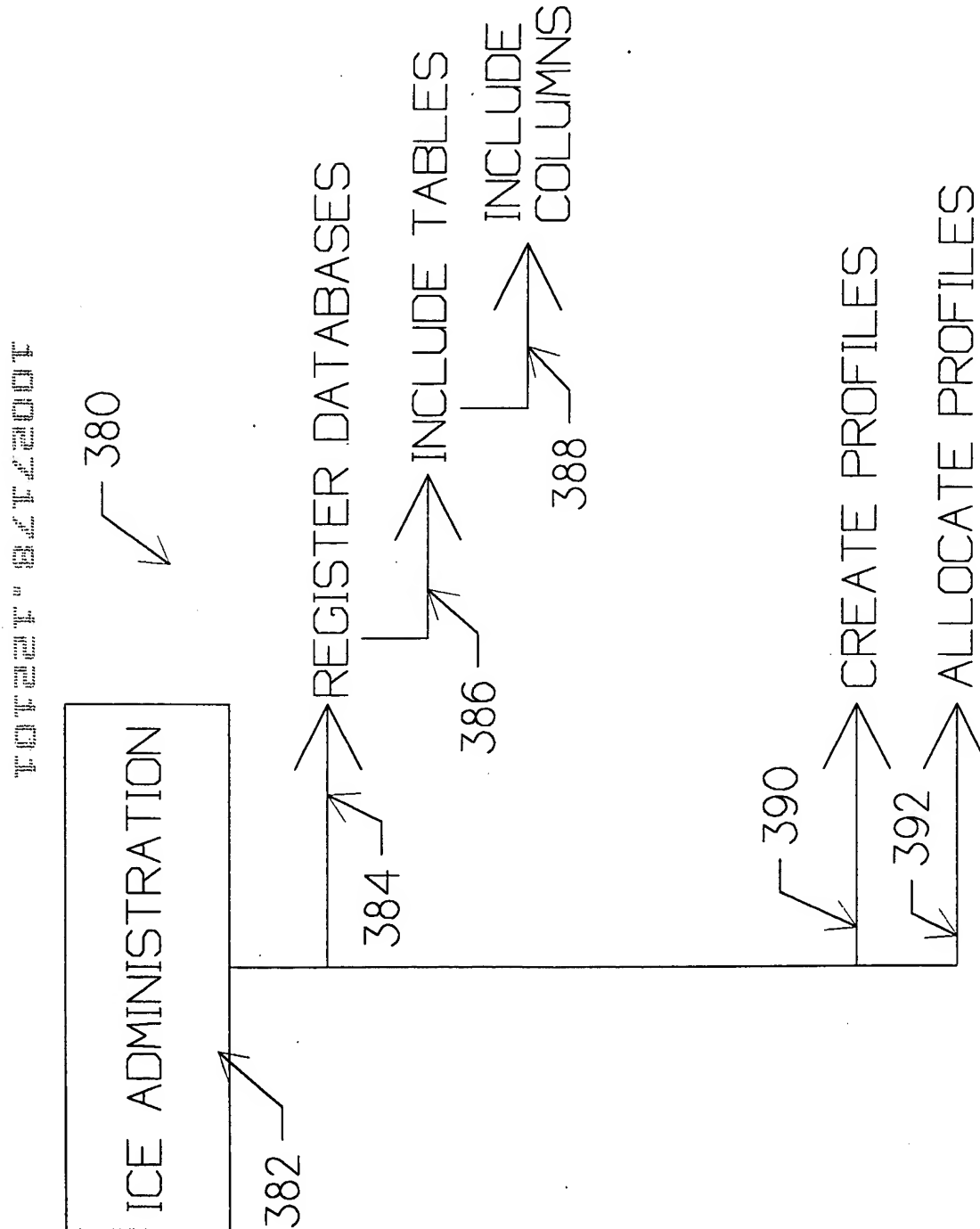


FIG. 12

10027178-100104



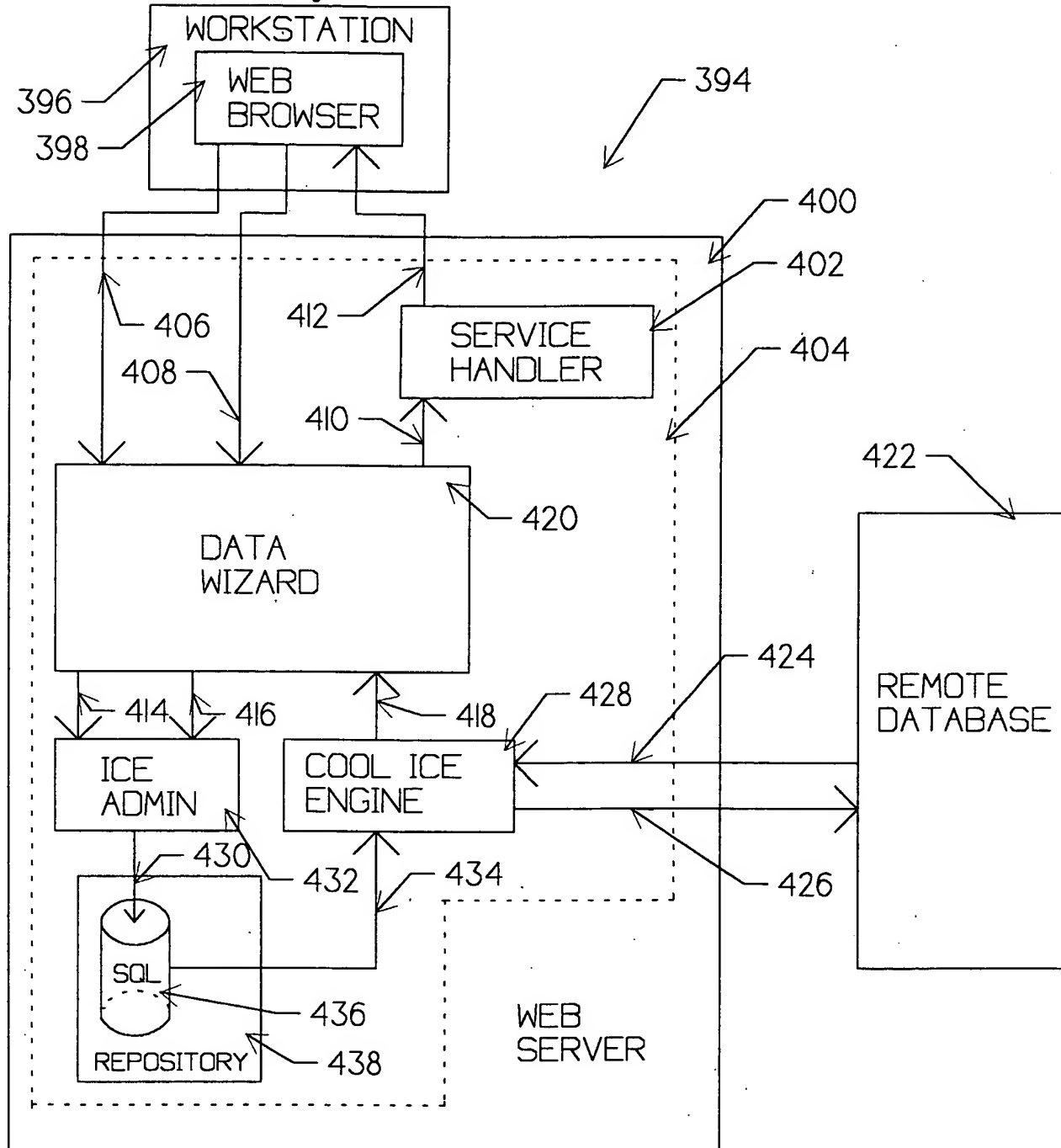


FIG. 14

FIG. 15

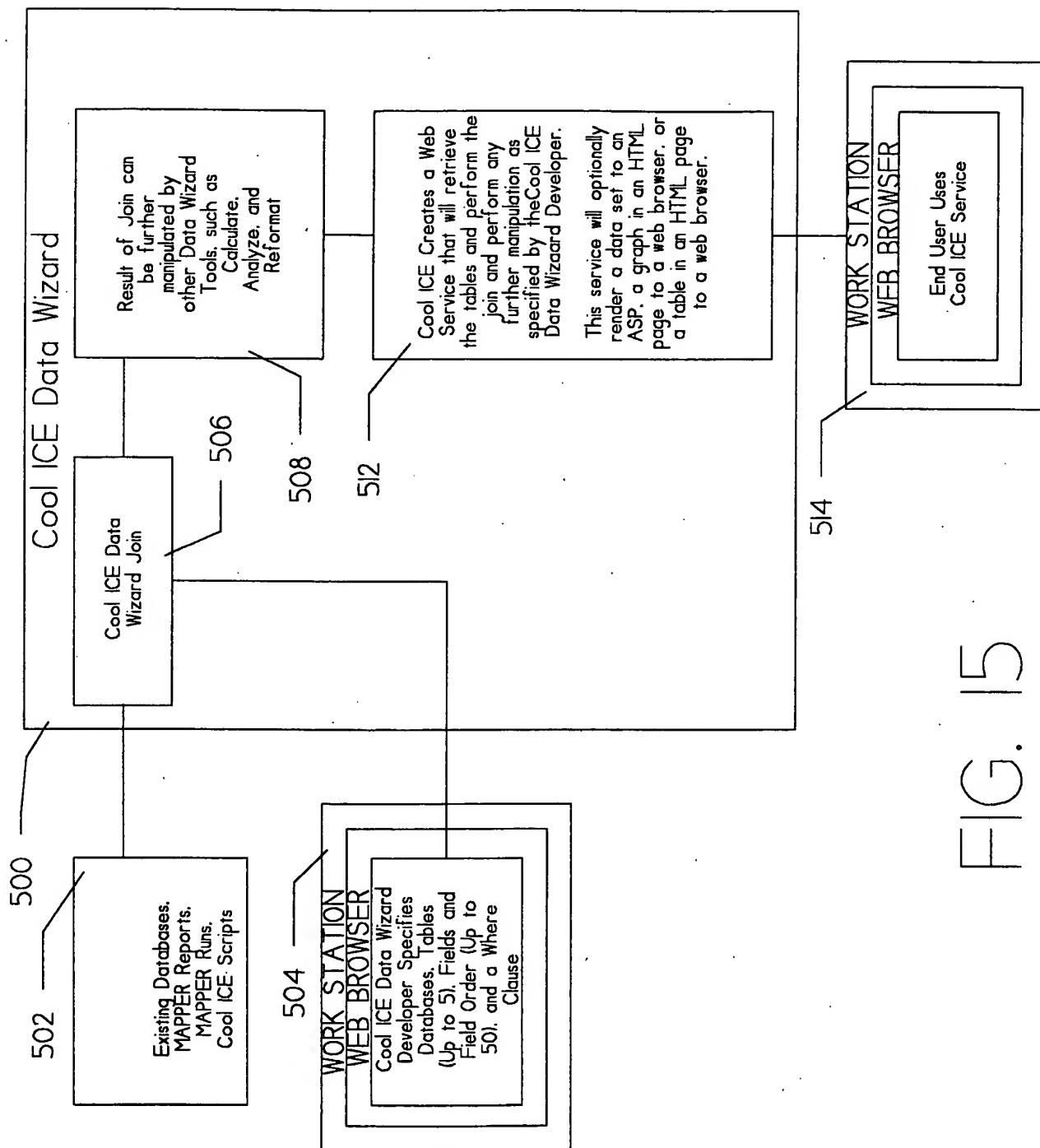
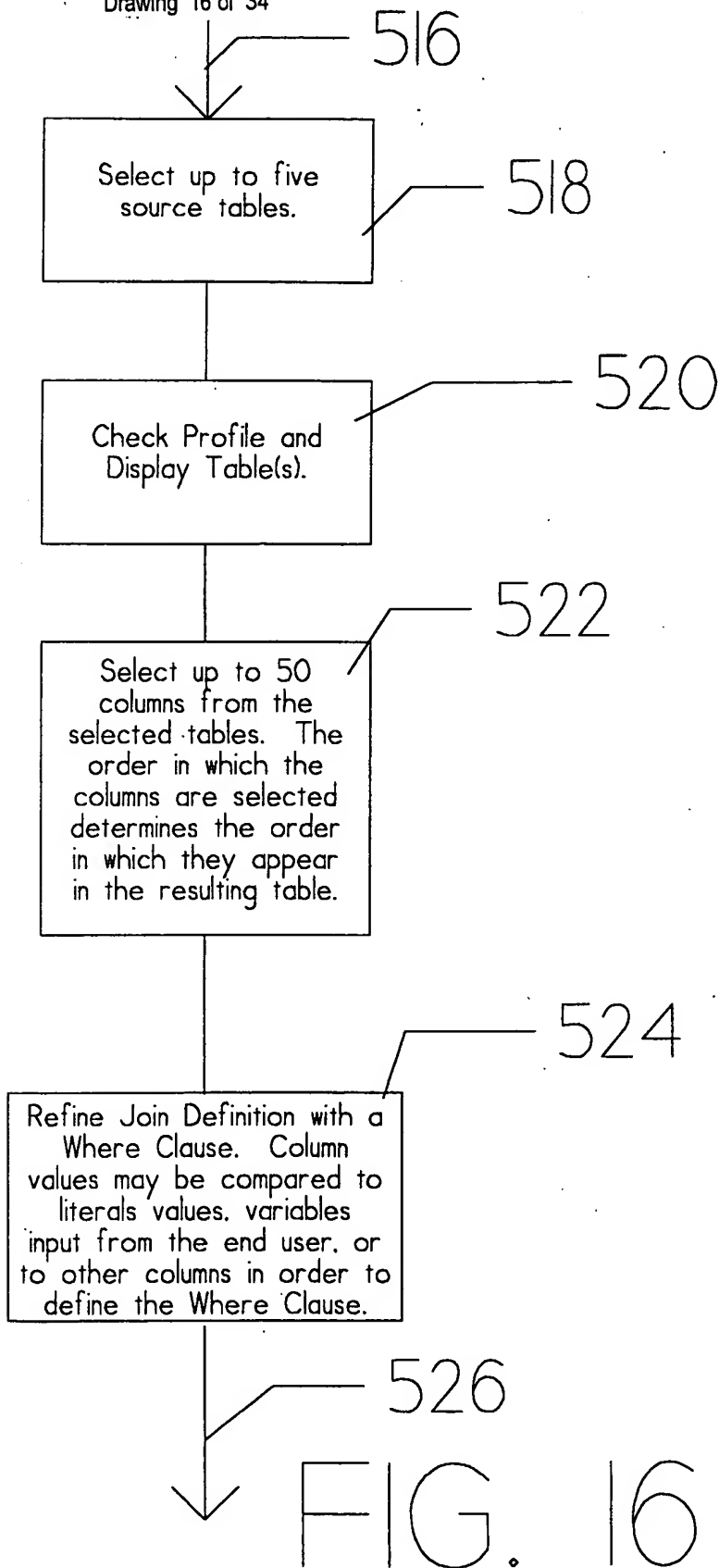


FIG. 15



10027178-1002401



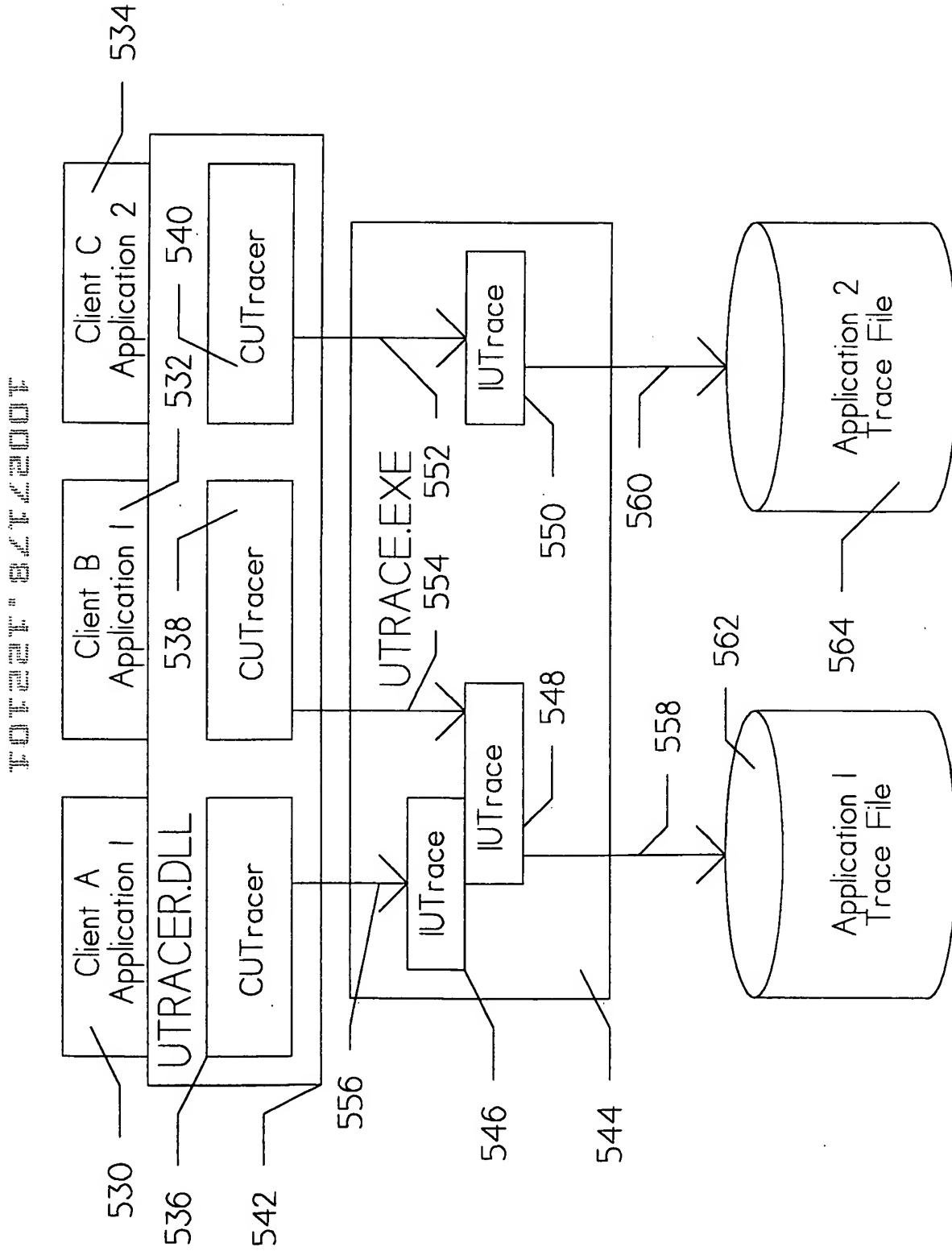


FIG. 17

# HKLM\SOFTWARE\UNISYS\UTRACE

APPNAME -- Subkey matching the name of the application

565

ENABLETRACE	-- DWORD value indicating a Boolean (1=trace, 0=no trace).
MAXENTRIES	-- DWORD value indicating the maximum number of entries in the trace file. If missing, then no upper limit is imposed.
FORMATFLAGS	-- DWORD value indicating message formatting flags.
POLICYFLAGS	-- DWORD value indicating trace policy flags set for the application.
TRACELEVEL	-- DWORD value indicating a trace level. 0 = no trace.
TRACEPATH	-- String value indicating the directory path for the trace files.
REGTRACE	-- A string value containing the HKLM\Software sub key to trace for this application. Blank or missing for no registry trace.
COMPONENT	-- A subkey for a specific component of the application.
POLICYFLAGS	-- Value indicating component level trace policy flags
TRACELEVEL	-- DWORD Value indicating a trace level. 0 = no trace.
VERSIONTRACE	-- String value specifying executable component name for version information tracing.

FIG. 18

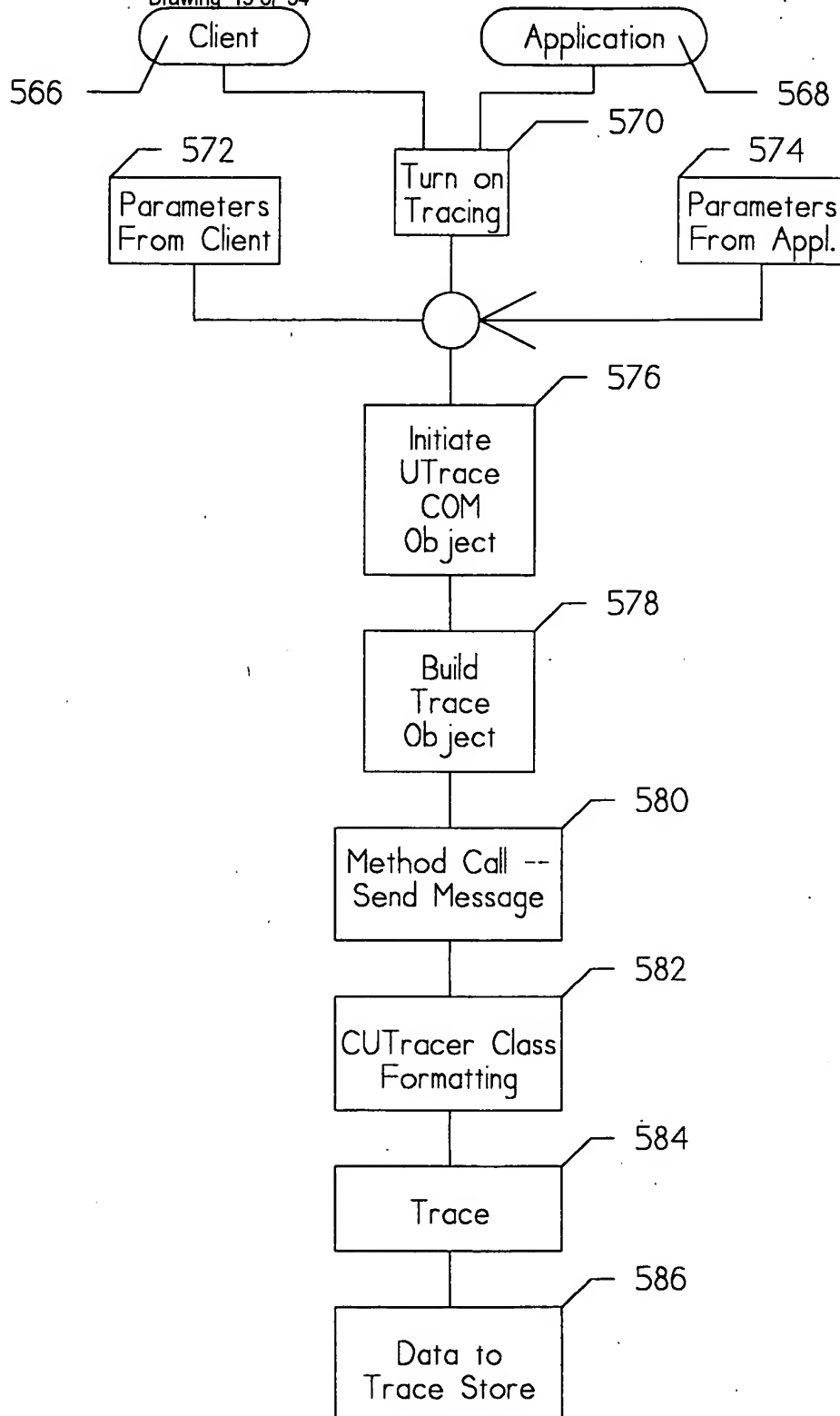


FIG. 19

10027178-122101

```
#define CI_TRACE_VERSION      0x1
#define CI_TRACE_ERROR        0x2
#define CI_TRACE_INTERFACE    0x4
#define CI_TRACE_FLOW         0x8
#define CI_TRACE_DETAIL       0x10
```

FIG. 20A

```
if (m_trace.Active(CI_TRACE_DETAIL))
m_trace<<"MY Detailed Trace information"<<Localvariable<<traceit
```

FIG. 20B

10027170-122101

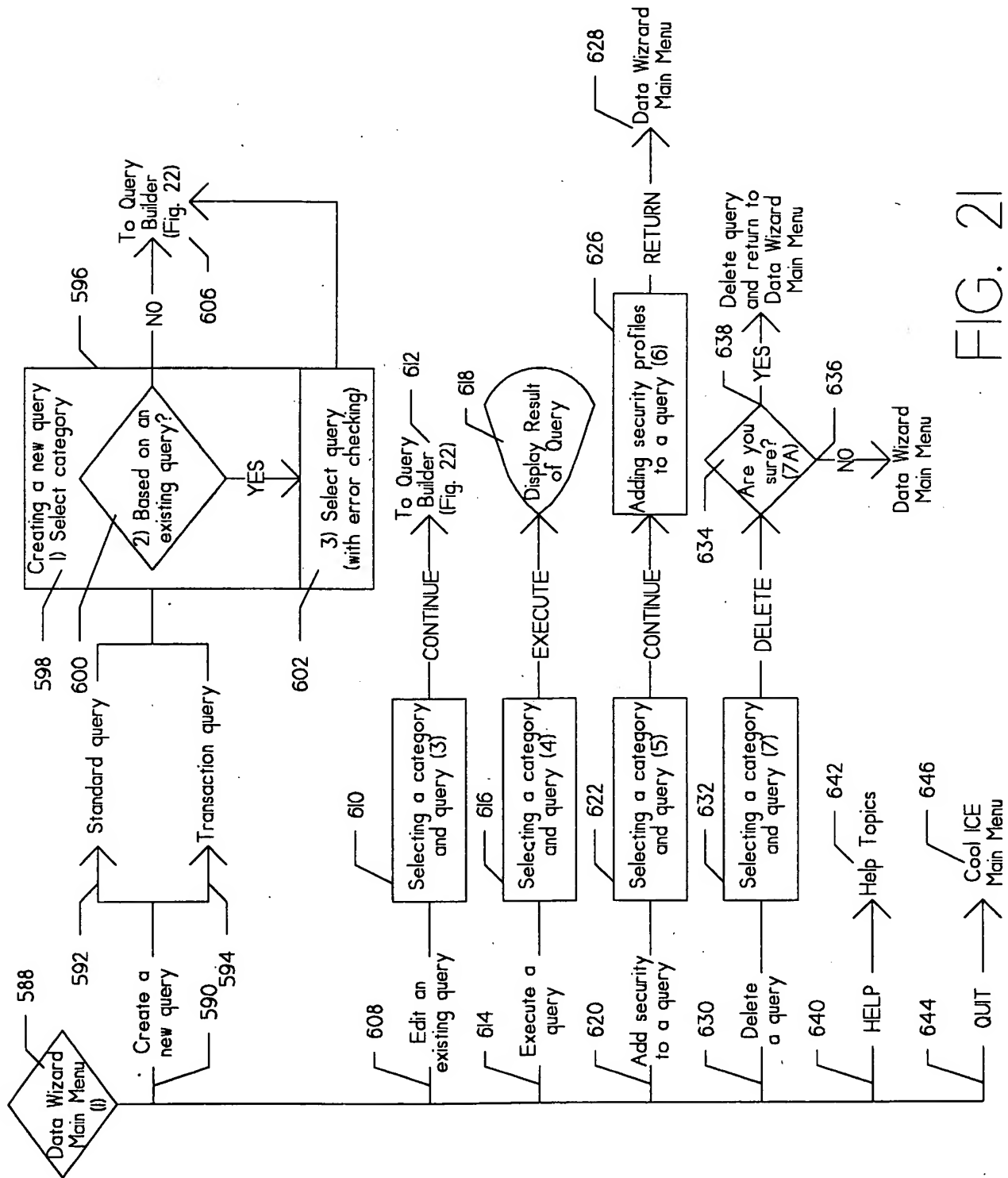


FIG. 21

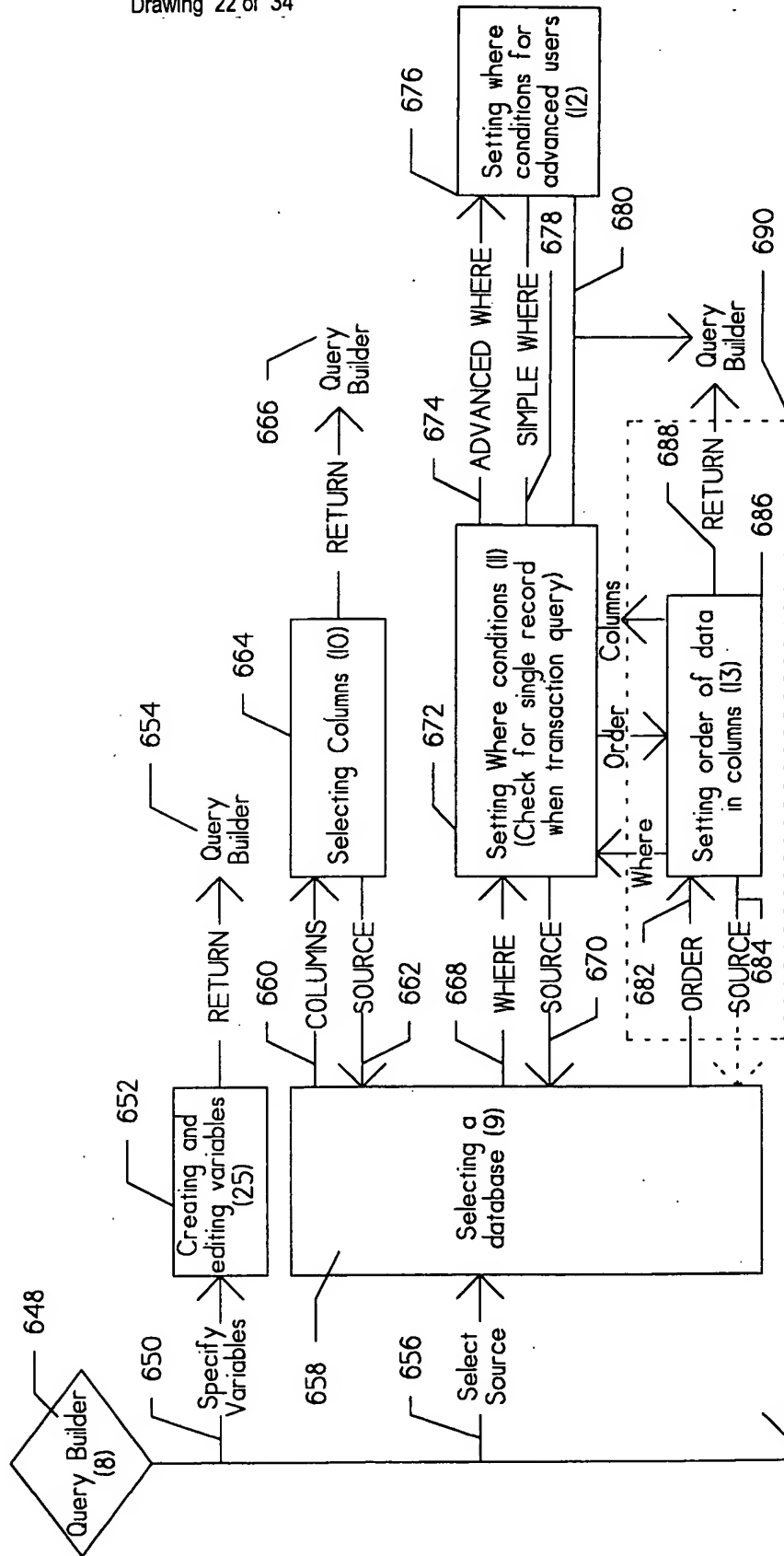


FIG. 22A

FIG. 22A

FIG. 22B

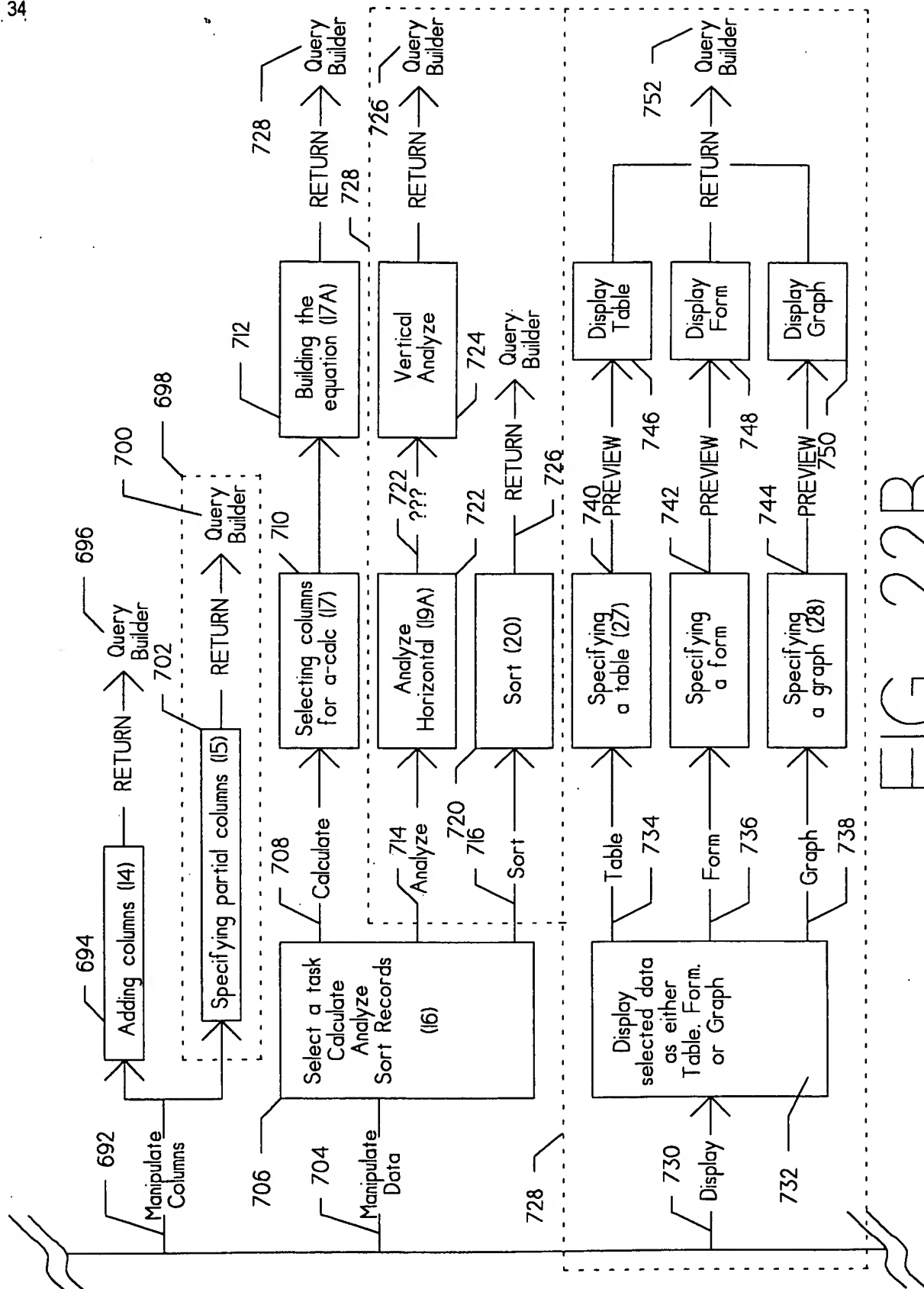


FIG. 22B

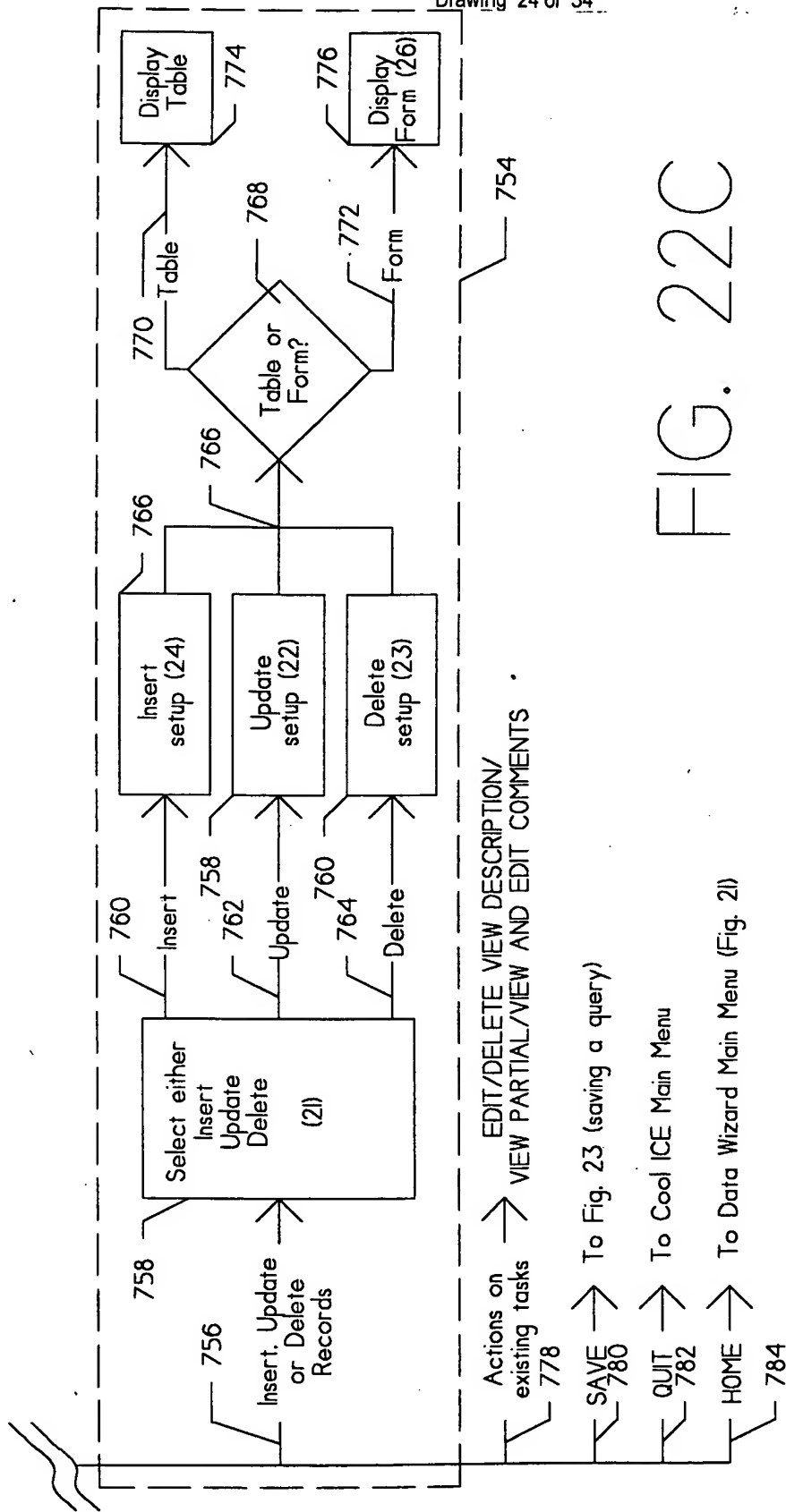
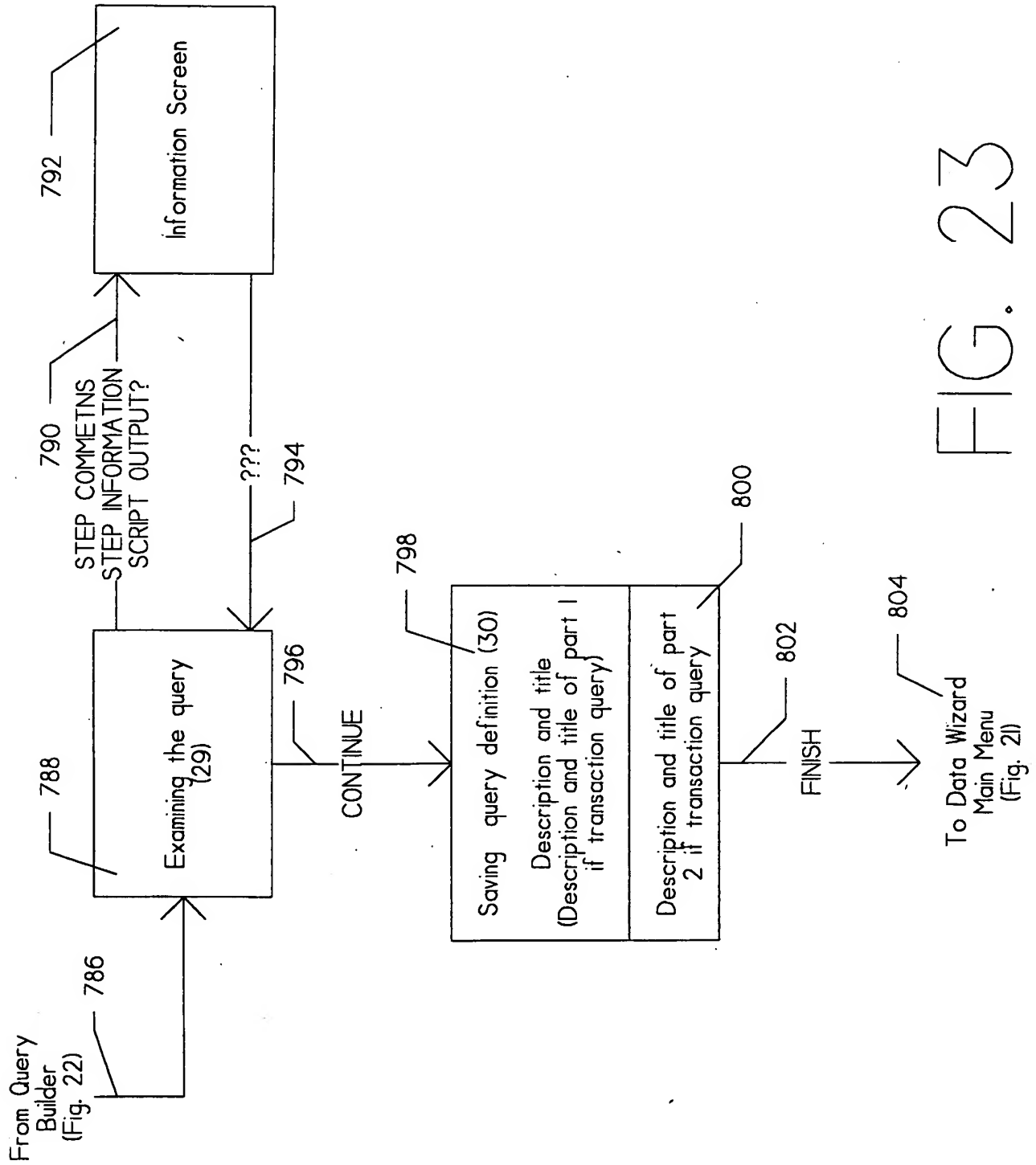


FIG. 22C





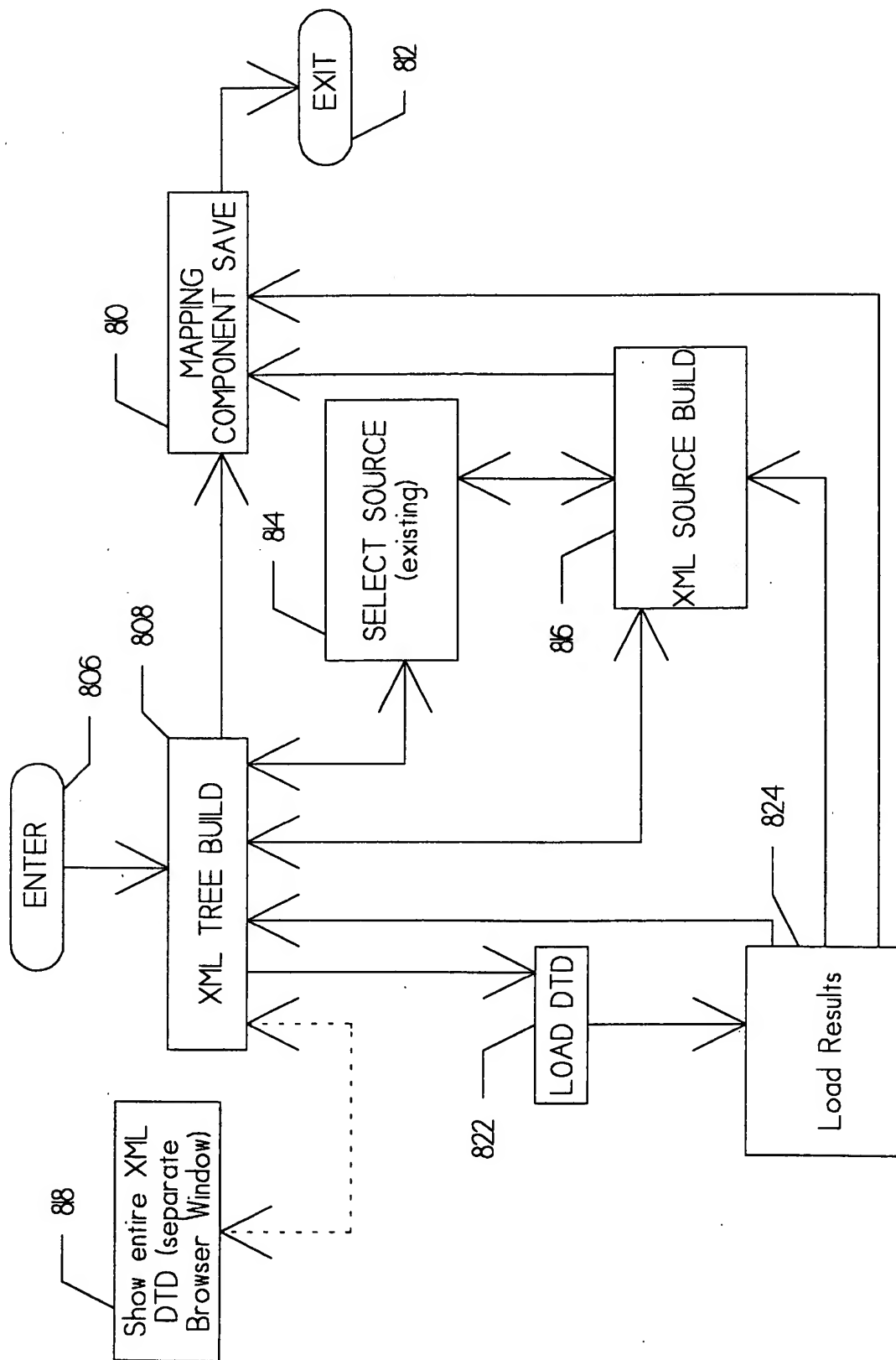


FIG. 24

XML -Mapper -- Microsoft Internet Explorer  
 File Edit View Favorites Tools Help

# Component Builder

## UNISYS

Home Quit Cancel Help

XML MAPPING ELEMENTS

828 [Sources] 874 [Save] 876

830 [Redisplay] 872

ELEMENTS	858	CONTROLS	Element Properties
836 Newspaper	<input type="radio"/> Variables	Mapping Type	Item Type
838 Article	<input type="radio"/> Tables	Open	Sequence
840 Article	<input type="radio"/> Article	Table Mapping	Mapping
842 Author	<input type="radio"/> Article	Complete	Row Iterator
844 Editor	<input type="radio"/> Author		Value
846 Date	<input type="radio"/> Editor		
848 Edition	<input type="radio"/> Date		
850 Headline	<input type="radio"/> Edition		
852 Byline	<input type="radio"/> Headline		
854 Lead	<input type="radio"/> Byline		
Body	<input type="radio"/> Lead		

826

FIG. 25

F/G. 26



100022001

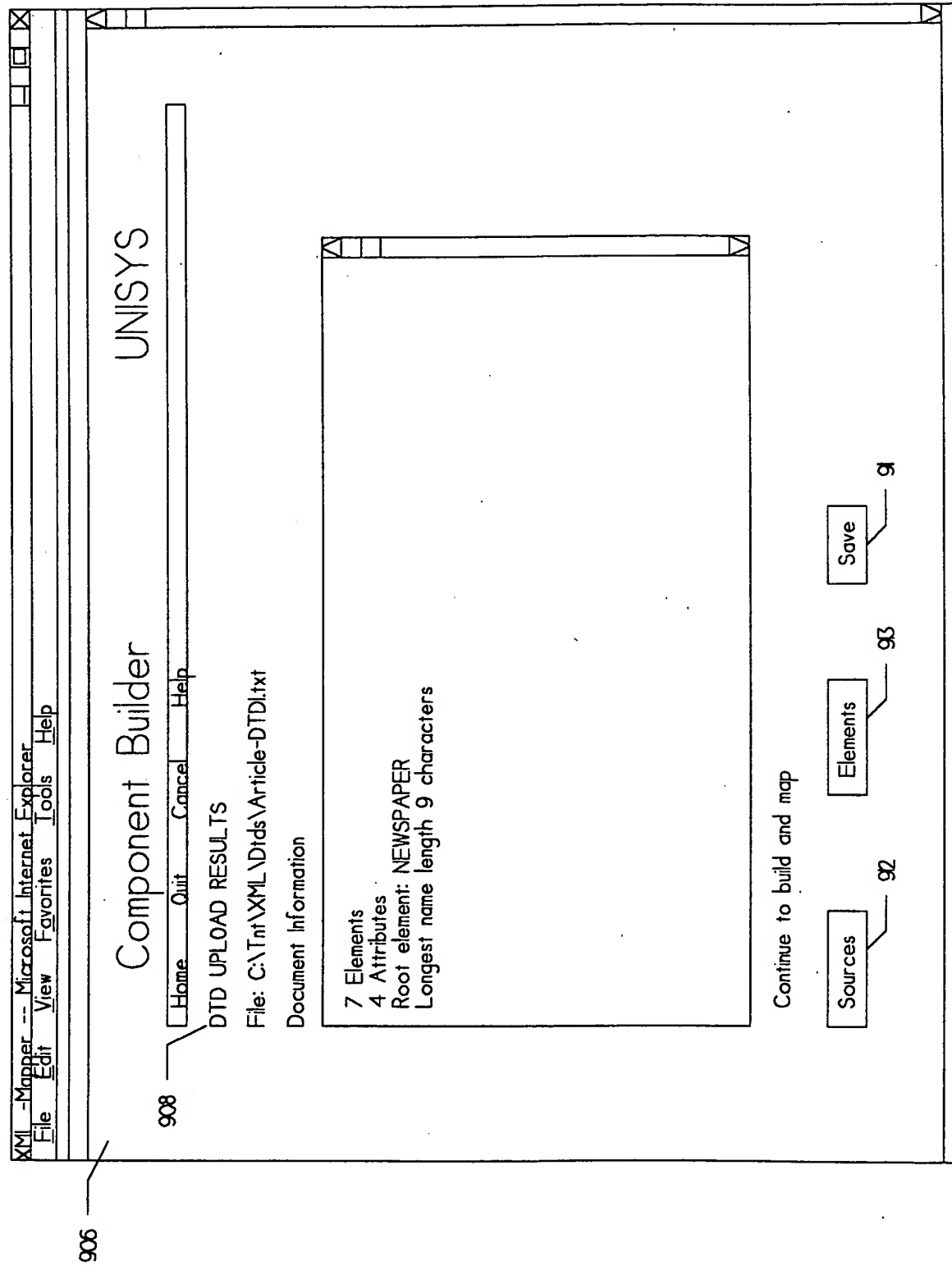


FIG. 28

IDENTIFICATION EXAMPLE

Version:AC:0.0 90  
Truncation:AC:0 92  
TypeCheck:AC:0 93  
ShoeData:ED:0:R 94  
From:DE:I:R  
From:EV:Supplier:20:string  
TableType:ED:I:R  
TableType:EV:TableInfo:50:string  
Inventory:ED:I:R  
Inventory:BT:Inventory:7  
Inventory:IH:ITEMNUMBER:10  
Inventory:IH:QTY:5  
Inventory:IH:TYPE:10  
Inventory:IH:GENDER:6  
Inventory:IH:SIZ:3  
Inventory:IH:COLOR:31  
Inventory:IH:UNITCOST:13  
Date:AD:I:R  
Date:AV:Date:10:string  
Time:AD:I:R  
Time:AV:Time:5:string  
Row:ED:2:R  
Row:BR:I  
ItemNr:ED:2:R  
ItemNr:EF:I:ITEMNUMBER:10:R:string  
Quantity:AD:2:R  
Quantity:AF:I:QTY:5:R:string  
Type:ED:2:R  
Type:EF:I:TYPE:10:L:string  
Gender:ED:2:0  
Gender:EF:I:GENDER:6:L:string:UniSex  
Size:ED:2:R  
Size:EF:I:SIZ:3:L:string  
Color:ED:3:0  
Color:EF:I:COLOR:31:L:string:White  
Unitcost:ED:2:R  
Unitcost:EF:I:UNITCOST:13:R:string  
Row:EE:2  
Row:ER:a  
Inventory:EE:I  
Inventory:ET:I 96

FIG. 29

10027178-100101

DTD EXAMPLE 98

<!DOCTYPE ShoeData [

```
<!ELEMENT ShoeData (From, TableType, Inventory)>
<!ELEMENT From (#PCDATA)>
<!ELEMENT TableType (#PCDATA)>
<!ELEMENT Inventory (Row+)>
<!ATTLIST Inventory Date CDATA #REQUIRED>
<!ATTLIST Inventory Time CDATA #REQUIRED>
<!ELEMENT Row (ItemNr, Type, Gener?, Size, Color?, Unitcost)+>
<!ELEMENT ItemNr (#PCDATA)>
<!ATTLIST ItemNr Quantity CDATA #REQUIRED>
<!ELEMENT Type (#PCDATA)>
<!ELEMENT Gender (#PCDATA)>
<!ELEMENT Size (#PCDATA)>
<!ELEMENT Color (#PCDATA)>
<!ELEMENT Unitcost (#PCDATA)>
```

FIG. 30



XML INPUT DOCUMENT EXAMPLE

920  
<?xml version="1.0" encoding="ISO-8859-1"?>  
<ShoeData>  
<From>Roseville Store</From>  
<TableType>Low Inventory Count</TableType>  
<Inventory Date="2000-12-05" Time="11:55">  
<Row>  
<ItemNr Quantity="0">32335</ItemNr>  
<Type>Tennis</Type>  
<Gender>Mens</Gender>  
<Size>6</Size>  
<Color>White/Zen Grey/New Spruce</Color>  
<Unitcost>25.00</Unitcost>  
</Row>  
<Row>  
<ItemNr Quantity="0">35410</ItemNr>  
<Type>Running</Type>  
<Gender>Womens</Gender>  
<Size>5</Size>  
<Color>White/Zen Grey/Neptune Blue</Color>  
<Unitcost>19.70</Unitcost>  
</Row>  
<Row>  
<ItemNr Quantity="0">35411</ItemNr>  
<Type>Running</Type>  
<Gender>Womens</Gender>  
<Size>6</Size>  
<Color>White/Zen Grey/Neptune Blue</Color>  
<Unitcost>19.70</Unitcost>  
</Row>  
<Row>  
<ItemNr Quantity="2">35420</ItemNr>  
<Type>Running</Type>  
<Gender>Womens</Gender>  
<Size>5</Size>  
<Color>White/Chlorine Blue/Hot Lime</Color>  
<Unitcost>19.70</Unitcost>  
</Row>  
<Row>  
<ItemNr Quantity="1">37421</ItemNr>  
<Type>Golf</Type>  
<Gender>Womens</Gender>  
<Size>8</Size>  
<Color>White/Fluorescent Pink</Color>  
<Unitcost>35.00</Unitcost>  
</Row>  
</Inventory>  
</ShoeData>  
<Color>White/Black-Hot Lime, Neo Teak</Color>  
<Unitcost>40.00</Unitcost>  
</Row>  
<Row>  
<ItemNr Quantity="0">32474</ItemNr>  
<Type>Tennis</Type>  
<Gender>Womens</Gender>  
<Size>8</Size>  
<Color>White/Light Marine-Ultramarine</Color>  
<Unitcost>25.00</Unitcost>  
</Row>  
<Row>  
<ItemNr Quantity="1">35310</ItemNr>  
<Type>Running</Type>  
<Gender>Mens</Gender>  
<Size>6</Size>

FIG. 31

10027178 "102101

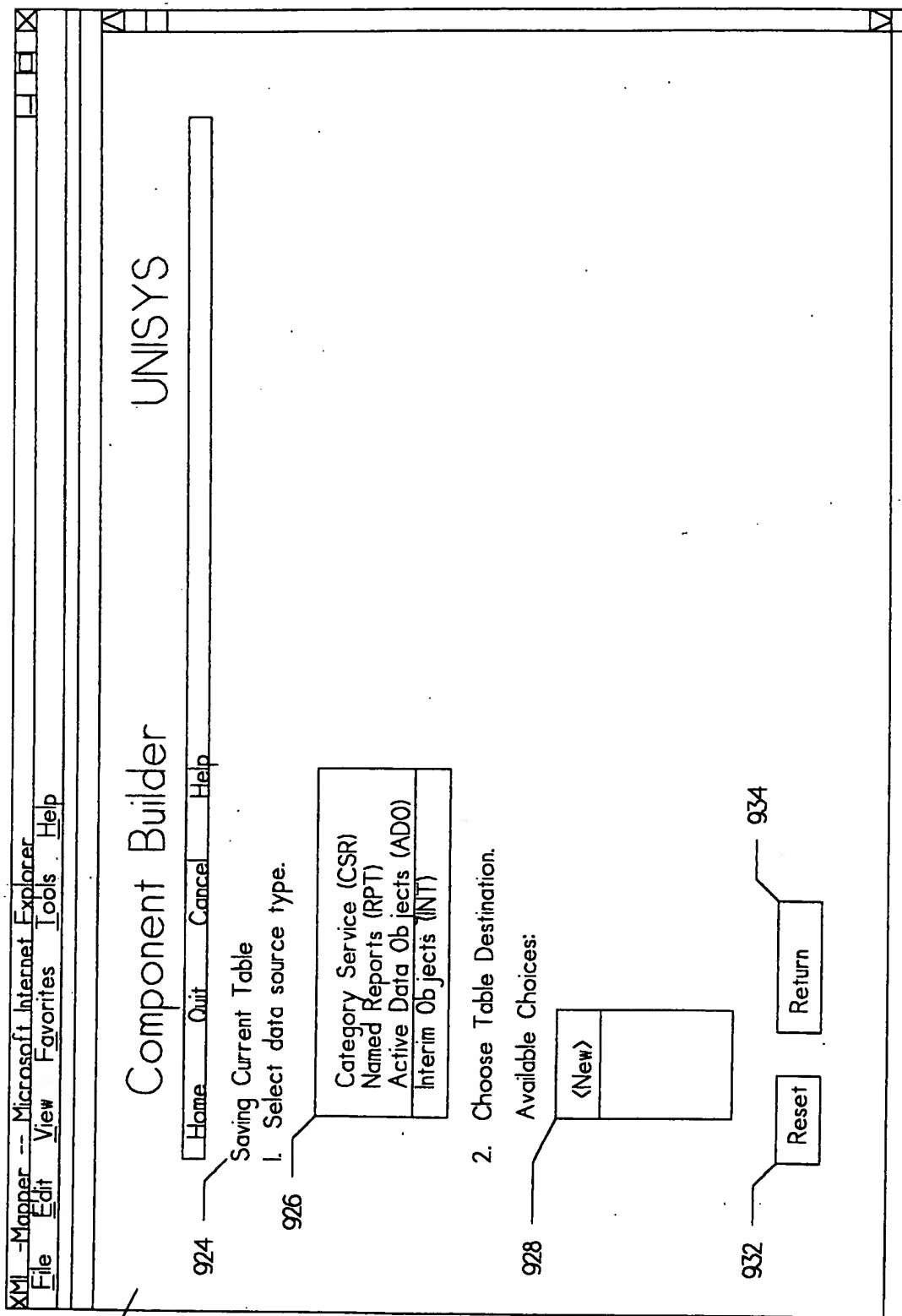


FIG. 32